



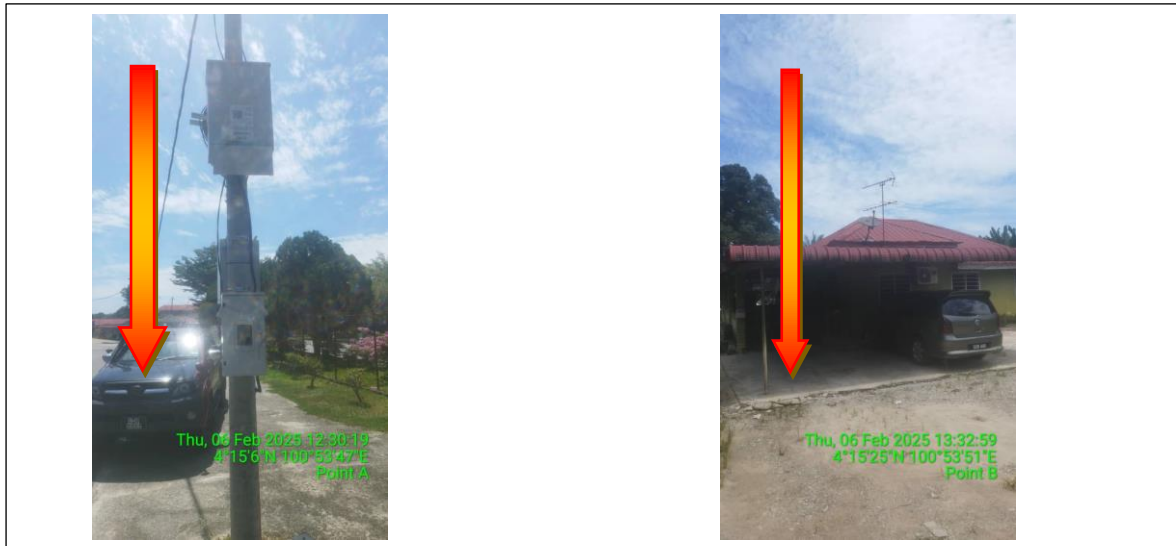
PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENSE (POP) FASA 2: HUB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))



## TECHNICAL PROPOSAL

### POP2 AEA8006 SEKOLAH MENENGAH KEBANGSAAN LAMBOR KIRI (D-SIDE)

Company Name	:	WCWL COMMUNICATIONS SDN BHD
Company Address	:	127, Jalan PUJ 3/3, Taman Puncak Jalil 43300 Subang Jaya Selangor
Prepared By	:	Zhahin
Date	:	17/02/2025



POINT A

POINT B

**Starting Point**

Site / Boundary Name	:	SEKOLAH MENENGAH KEBANGSAAN LAMBOR KIRI
Address	:	Kampung Lambor Kiri
District	:	Kampung Gajah
Postcode	:	36800
State	:	Perak
GPS Coordinate	:	4.251633, 100.896329
LRD	:	A

**End Point**

Site / Boundary Name	:	SEKOLAH MENENGAH KEBANGSAAN LAMBOR KIRI
Address	:	Kampung Lambor Kiri
District	:	Kampung Gajah
Postcode	:	36800
State	:	Perak
GPS Coordinate	:	4.268439, 100.895743
		B



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENSE (POP) FASA 2: HUB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))



### Work Summary

No	Proposed Distance and Method	Unit	Qty
1	Horizontal Directional Drilling (HDD)	m	0
2	Carriage Way Open trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro trenching (MT)	m	0
	Total		0

	Other Information	Unit	Qty
1	Proposed Manhole	EA	0
2	Proposed Pole	EA	49
3	Joint Closure	EA	1
4	Estimated time required for completion	days	30



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### Local Authority Summary

#### 1. Perak Tengah

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	40	1800m
		Majlis	9	405m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				2205m

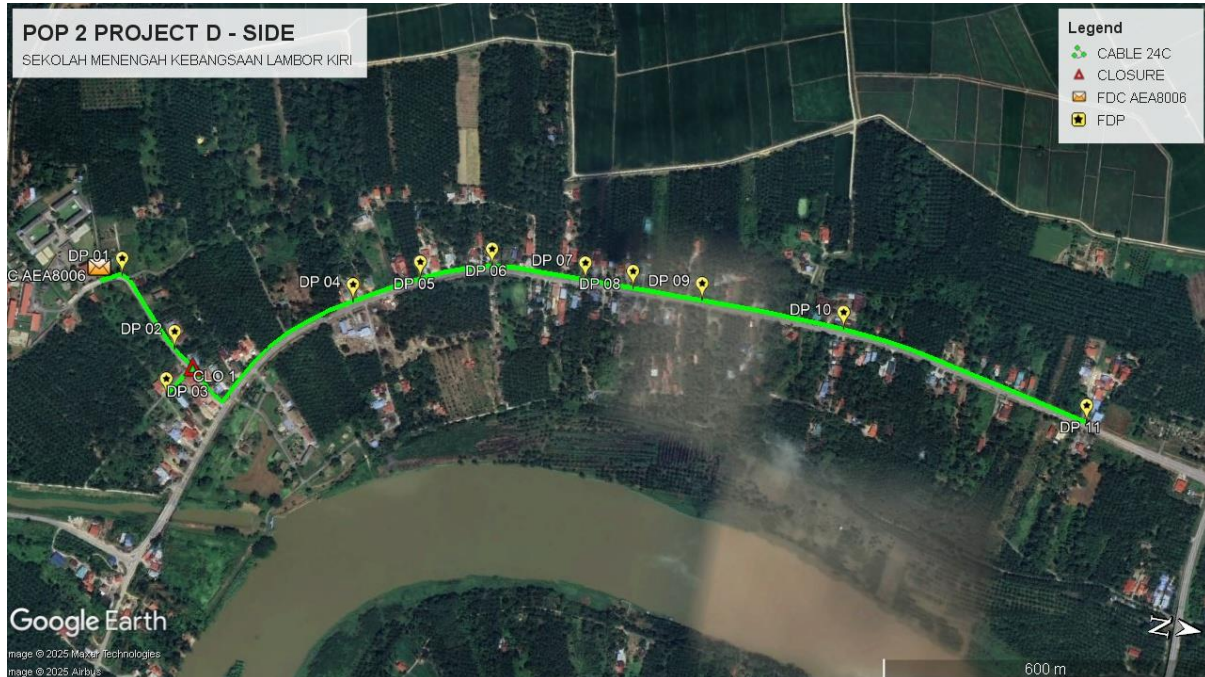


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### Site Plan – KMZ (Overview site area)

#### Proposed FDP and Closure



#### Proposed New Pole

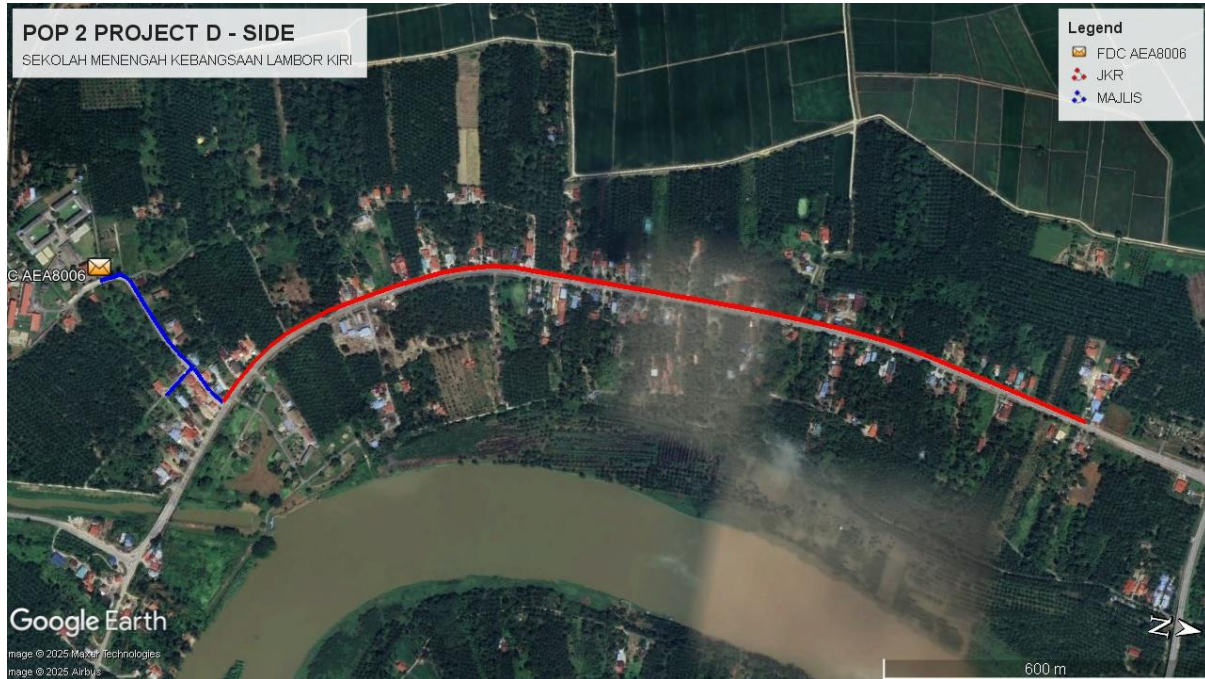




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**Site Plan – KMZ Routing (All Local Authority)**



**Blue Colour – Majlis Daerah Perak Tengah**

**Red Colour – JKR Perak**



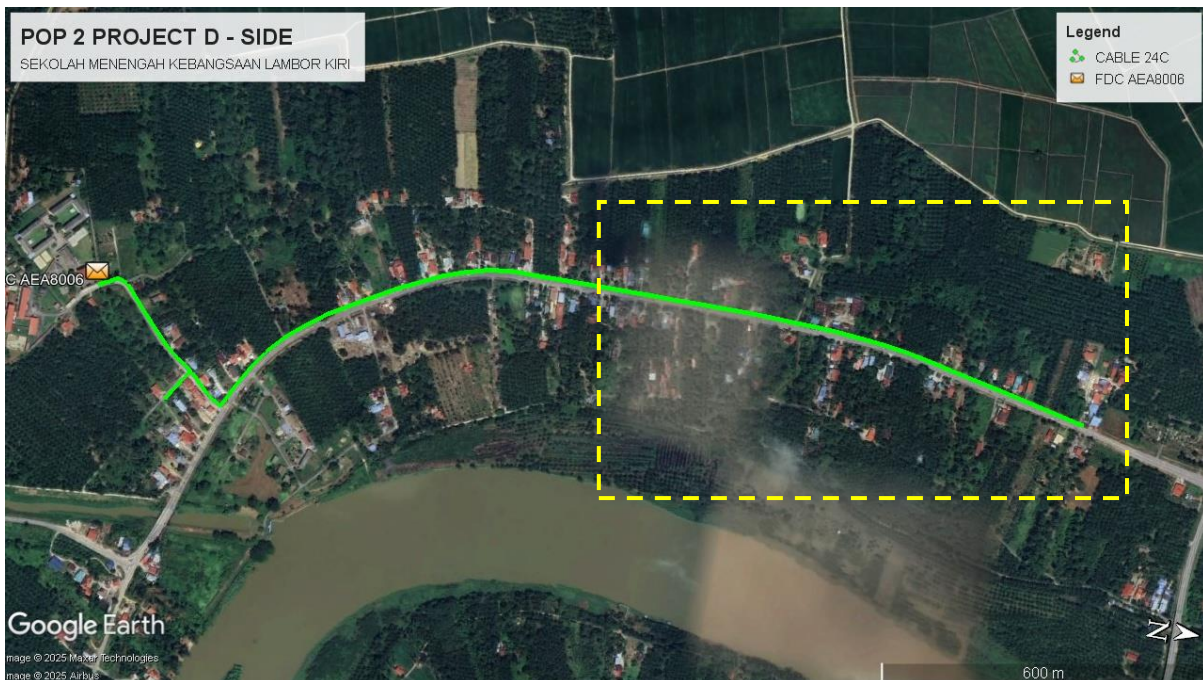
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### Route 1



### Route 2





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**Proposed New Pole Lat & Long Table**

No.	Pole Number	Distance	Latitude	Longitude	Local Authority
1	FDC01 AEA8006	0.00	4.251633	100.896329	Majlis Daerah Perak Tengah
2	T001	45	4.251992	100.896172	Majlis Daerah Perak Tengah
3	T002	45	4.252300	100.896415	Majlis Daerah Perak Tengah
4	T003	45	4.252562	100.896697	Majlis Daerah Perak Tengah
5	T004	45	4.252837	100.896982	Majlis Daerah Perak Tengah
6	T005	45	4.253117	100.897244	Majlis Daerah Perak Tengah
7	T006 (9m)	45	4.253467	100.897490	Majlis Daerah Perak Tengah
8	T007 (9m)	45	4.253246	100.897821	Majlis Daerah Perak Tengah
9	T008	45	4.253123	100.898047	Majlis Daerah Perak Tengah
10	T009	45	4.253739	100.897744	Majlis Daerah Perak Tengah
11	T010	45	4.254074	100.897976	JKR Perak
12	T011	45	4.254247	100.897611	JKR Perak
13	T012	45	4.254440	100.897261	JKR Perak
14	T013	45	4.254654	100.896941	JKR Perak
15	T014	45	4.254932	100.896635	JKR Perak
16	T015	45	4.255242	100.896375	JKR Perak
17	T016	45	4.255559	100.896131	JKR Perak
18	T017	45	4.255916	100.895918	JKR Perak
19	T018	45	4.256266	100.895714	JKR Perak
20	T019	45	4.256608	100.895515	JKR Perak
21	T020	45	4.256964	100.895343	JKR Perak
22	T021	45	4.257308	100.895170	JKR Perak
23	T022	45	4.257683	100.895037	JKR Perak
24	T023	45	4.258113	100.894914	JKR Perak
25	T024	45	4.258515	100.894866	JKR Perak
26	T025	45	4.258917	100.894869	JKR Perak
27	T026	45	4.195721	100.948672	JKR Perak
28	T027	45	4.259714	100.894863	JKR Perak
29	T028	45	4.260099	100.894857	JKR Perak
30	T029	45	4.260529	100.894860	JKR Perak
31	T030	45	4.260925	100.894857	JKR Perak
32	T031	45	4.261313	100.894862	JKR Perak
33	T032	45	4.261714	100.894854	JKR Perak
34	T033	45	4.262134	100.894857	JKR Perak
35	T034	45	4.262517	100.894857	JKR Perak
36	T035	45	4.262925	100.894864	JKR Perak
37	T036	45	4.263324	100.894881	JKR Perak
38	T037	45	4.263741	100.894890	JKR Perak
39	T038	45	4.264148	100.894916	JKR Perak



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40	T039	45	4.264535	100.894952	JKR Perak
41	T040	45	4.264940	100.894994	JKR Perak
42	T041	45	4.265330	100.895053	JKR Perak
43	T042	45	4.265723	100.895132	JKR Perak
44	T043	45	4.266097	100.895219	JKR Perak
45	T044	45	4.266495	100.895304	JKR Perak
46	T045	45	4.266885	100.895389	JKR Perak
47	T046	45	4.267279	100.895476	JKR Perak
48	T047	45	4.267678	100.895567	JKR Perak
49	T048	45	4.268077	100.895659	JKR Perak
50	T049	45	4.268437	100.895741	JKR Perak

Bil	Type	7.5m	9m	Total
1	No Of Pole	47	2	49



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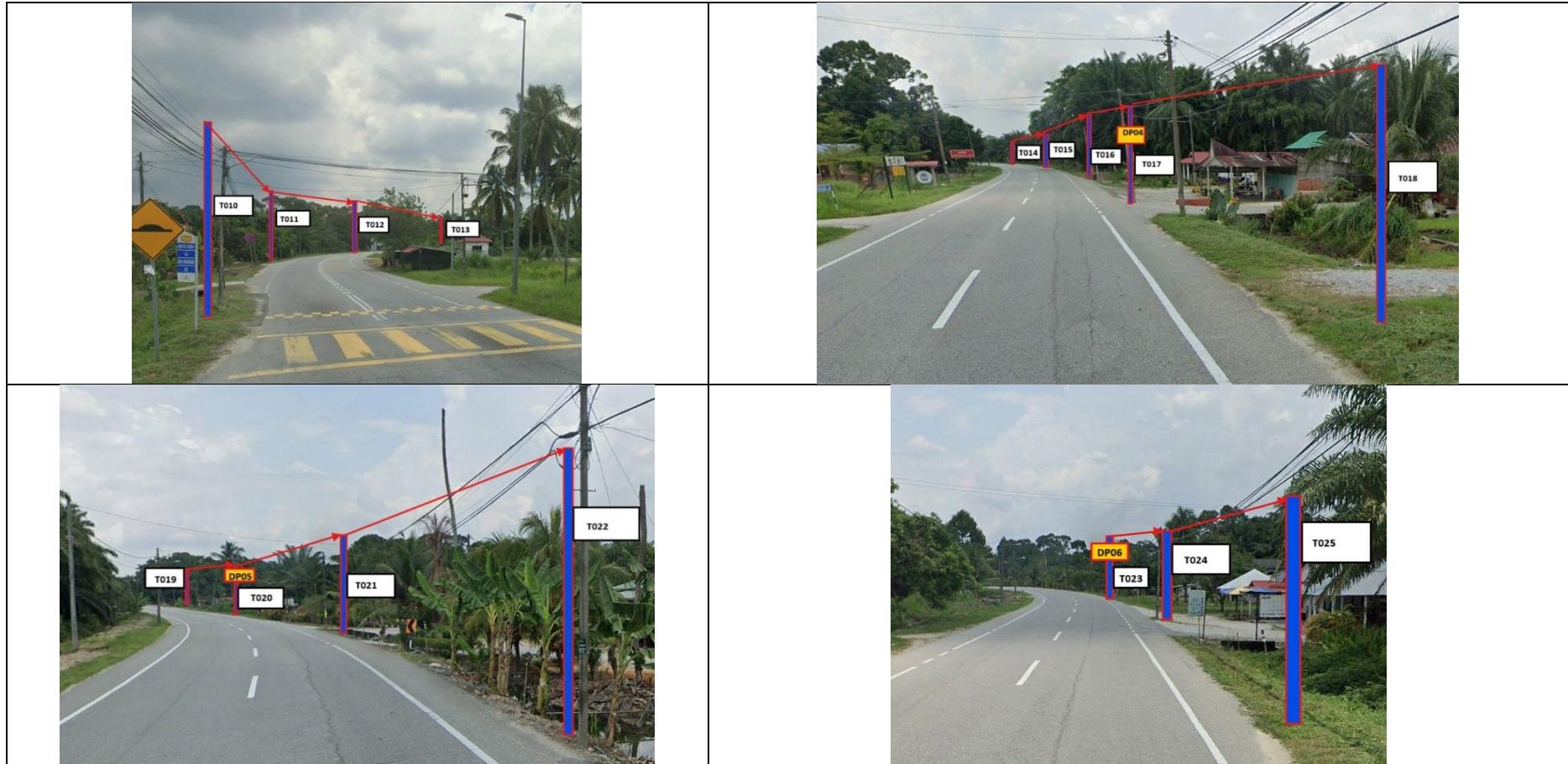


Site Photos – Proposed to install pole 7.5m





PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENSE (POP) FASA 2: HUB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA - ZON UTARA (KKMM.400-11/17/132(1))



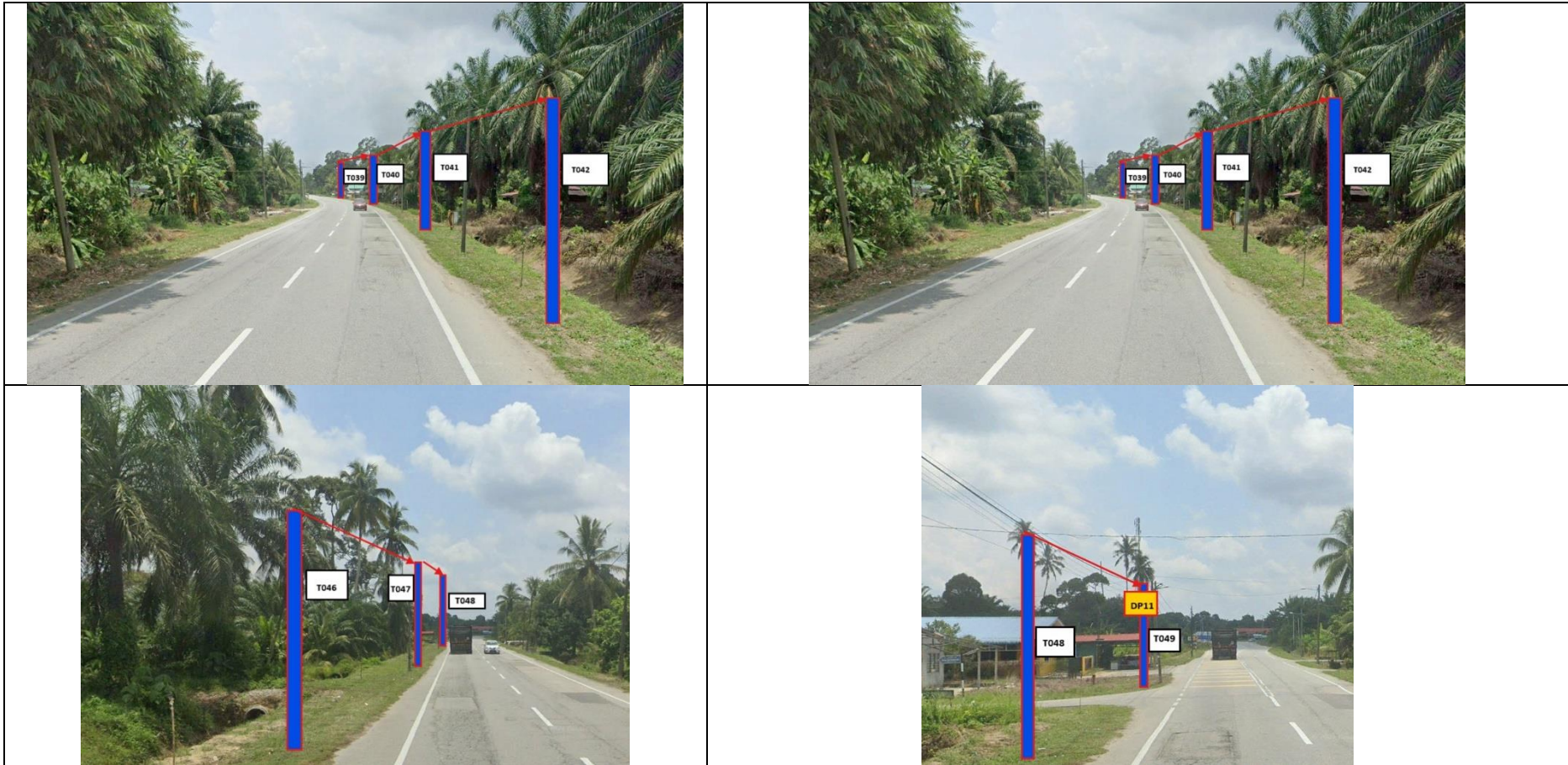


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### 3rd Parties Dependencies

No.	Local Council/ Authority	Remark
1	JKR Perak	
2	Majlis Daerah Perak Tengah	
3		
4		
5		
6		



LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.
12C FOC		Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	S Suspension	JB30 New Manhole (PIT)	Micro-Trenching (Meter)	MH1 MH NO.		
24C FOC	2797	Installed Patch Cord	Installed Pole (7.5M)	T Tension	C7 New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1 Existing TNB Pole NO.		
48C FOC		FDC	Installed Pole (6.7M)	P Pole Ring	FDP Boundary	Loop / Coil (Meter)	P001 New Pole NO.		
96C FOC		Closure	Existing TNB Pole	FDP with (1:8) splitter	HDD (Meter)	Active Outdoor Cabinet	CL01 Closure NO.		
144C FOC		Existing Closure	Installed Riser	Existing Manhole	Open Cut (Meter)	FDC NO.	DP1 FDP NO.		

ACTUAL HOMEPASS :

<p>KEY PLAN :</p> <p><b>POP2 PROJECT IN PERAK</b></p>	<p>OWNER/DEVELOPOR :</p>  <p>APEX COMMUNICATIONS SDN BHD 12th FLOOR, MENARA HAP SENG, 50250 JALAN P. RAMLEE KUALA LUMPUR</p>	<p>MAIN CONTRACTOR :</p>  <p>WCWL COMMUNICATIONS SDN BHD 127, JALAN PUJI 3/3, TAMAN PUNCAK JALIL, BANDAR PUTRA PERMAI, 43500 SERI KEMBANGAN, SELANGOR TEL: +603 5888 5983 E-MAIL: info@wcwlcommunications.com.my WEBSITE: https://wcwl.com.my</p>	<p>PROJECT TITLE :</p> <p>CONTRACTOR FOR SURVEY, TECHNICAL PROPOSAL AND WAYLEAVE, &amp; PERMIT APPROVAL - POP2 PROJECT</p>	<p>DRAWING TITLE:</p> <p>AS - BUILT DRAWING SITE PLAN DRAWING AEA8006 SEKOLAH MENENGAH KEBANGSAAN LAMBOR KIRI</p>	<p>Design By : ENGINEER</p>	<p>Date : MAC 2025</p>
					<p>Drawn By : ENGINEER</p>	<p>Scale : NOT TO SCALE</p>
<p>PROJECT PHASE: POP 2</p>					<p>Checked By : ENGINEER</p>	<p>Job Number :</p>
<p>DRAWING NUMBER : AEA8006 - ABD - 01</p>					<p>THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF APEX COMMUNICATIONS SDN BHD</p>	<p>Sheet : 1/3</p>
					<p>Size : A3</p>	



LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	
12C FOC		Installed 1:4 / 1:8 / 1:32 splitter	Installed Pole (9m)	S	Suspension	UB30	New Manhole (PIT)	Micro-Trenching (Meter)	MH1	MH NO.
24C FOC	2797	Installed Patch Cord	Installed Pole (7.5M)	T	Tension	C7	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.
48C FOC		FDC	Installed Pole (6.7M)		Pole Ring		FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.
96C FOC		Closure	Existing TNB Pole		FDP with (1:8) splitter	17	HDD (Meter)	#	CL01	Closure NO.
144C FOC		Existing Closure	Installed Riser		Existing Manhole		Open Cut (Meter)	C01	DP1	FDP NO.

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LEGEND	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.	NOS.
12C FOC	2797	1	90	17	JB30	CT7	Micro-Trenching (Meter)	MH1	MH NO.
24C FOC	Installed Patch Cord	FDC	Installed Pole (9m)	Suspension	New Manhole (PIT)	New Manhole(JRC7)	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.
48C FOC	1	4	Installed Pole (7.5M)	Tension	FDP Boundary	FDP Boundary	Loop / Coil (Meter)	P001	New Pole NO.
96C FOC	Closure	Existing TNB Pole	Installed Pole (6.7M)	Pole Ring	HDD (Meter)	HDD (Meter)	Active Outdoor Cabinet	CL01	Closure NO.
144C FOC	Existing Closure	Installed Riser	Existing Manhole	FDP with (1:8) splitter	Open Cut (Meter)	Open Cut (Meter)	FDC NO.	DP1	FDP NO.

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